Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

YNK-DBR No. 502 Date 29.03.2014

AEE/YNK SUB DN Date 2013 SBR No. 297 Date:

No. 1st and Final bill

Division: BBMP / YNK Sub-Division: Yelahanka Sub – Division.

Bill Received No. Dated Divisional Cash Book Voucher No. Dated

Sub Divisional **Work Code: 002-11-000069.**

Schedule Docket No. Head of Account: Est.Cost: **18.00** Lakhs B.R.No.

Name of Work : Construction of Individual low cost houses to Poor SC/ST people in Nagenahalli, harohalli and JP colony in ward No-02 of Yelahanka Sub Division.

Name of Contractor and **Full** Address: **M/s. Project Manager, Nirmithi Kendra (Urban) Dangalore.**

Reference to Agreement No. **EE/YNK.D// W.O/255 /2011-12.** **Date: 22-10-2011.**

Certified that the measurements were taken by me on 29.03.14 and recorded of Pages..... to.....of measurement Book No. 9629 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 29.3.14 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

		Amount
1)	Total value of work done or supplies made as per account within	182911
2)	Deduct amount to be held in reserve being ..... percent Rs.....	11424
3)	" Balance	171487
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	36733
	b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	135510
		18380
		1838
		21063
		13900
5)	Balance being unpaid value of work done held in reserve.	28686
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjusments.	155085
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	

Final amount adjusted

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Witness

1.

2.

Dated

Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

(For use in the Office)

Audited & admitted for Rs. 182911

155085

28686

Executive Engineer

Sl no	Description of work	Unit
1	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.with all lead and lift as per direction of Engineer incharge of the work	Cum
2	KSRB 2-2.1: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of cluds complete as per specifications. Specification No. KBS 2.1(5) / 2.3.5with all lead and lift as per direction of Engineer incharge of the work .	Cum
3	KSRB 2.8: Filling in foundation with granite / trap broken metal 100mm And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead upto 50m and lift 1.5m Complete as per specifications.	Cum
4	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 using 40mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification with all lead and lift as per direction of Engineer incharge of the work .	Cum
5	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones, at two m. apart in each course including cost of materials, labour, curing complete as per specifications with all lead and lift as per direction of Engineer incharge of the work .	Cum
6	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:5, edges of stone chisle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification, with all lead and lift as per direction of Engineer incharge of the work .	Cum
7	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm (M20) and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for ground floor level for roof slabs, starecase, lintel, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, coping, bed struts, buttersses, string or lacing courses, parapets, coping, bed blocks, plain window cils, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No.with all lead and lift as per direction of Engineer incharge of the work .	Cum
8	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification No. with all lead and lift as per direction of Engineer incharge of the work .	Cum
9	KSRB 5-2.3 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No.with all lead and lift as per direction of Engineer incharge of the work .	Cum
10	KSRB 4.2.5 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with (M20) with 20mm and down size graded layers not exceeding 15cms thick vibrated for RCC beams columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs staircase lintels columns including cost of all materials labour HOM of machinery curing complete as per specifications. Specification No. with all lead and lift as per direction of Engineer incharge of the work .	Sqm
11	KSRB 4.3.2 : Providing T.M.T Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required , tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. with all lead and lift as per direction of Engineer incharge of the work .	Qntl
12	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of mix 1:1.5:3 (M20) with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. with all lead and lift as per direction of Engineer incharge of the work .	Sqm
13	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. with all lead and lift as per direction of Engineer	Sqm
14	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
15	KSRB: 15.7 : Providing lime rendering for plastering to wall and ceiling , including cost of materials, labour, curing complete as per specification with all lead and lift etc complete as per specification and direction of engineer.	Sqm

Previous Measurment		Present Measurement			Total up-to date		Remark
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-	44.61	106.00	4728.66	44.61	4728.66	
-	-	105.72	127.20	13447.58	105.72	13447.58	
-	-	11.13	1013.36	11278.70	11.13	11278.70	
-	-	40.00	3431.22	137248.80	40.00	137248.80	
-	-	70.11	2542.24	178657.11	70.11	178657.11	
-	-	30.05	3018.68	90717.34	30.05	90717.34	
-	-	7.01	5150.54	36105.29	7.01	36105.29	
-	-	105.72	85.65	9054.92	105.72	9054.92	
-	-	91.29	4100.08	374296.30	91.29	374296.30	
-	-	27.45	5150.64	141382.32	27.45	141382.32	
-	-	17.49	5730.36	100224.00	17.49	100224.00	
-	-	40.63	391.78	15918.02	40.63	15918.02	
-	-	104.13	133.77	13929.47	104.13	13929.47	
-	-	455.02	165.32	75223.91	455.02	75223.91	
-	-	559.15	16.96	9483.18	559.15	9483.18	

	Description of work	Unit
	Providing Lime rendering for plastering towards and celing including cost of materials labour curing complete as per specifications	Sqm
	KSRB 14.10-1 : Flooring with 25mm to 40mm thick polished Thandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	Sqm
	KSRB 14.10-3 : Flooring with 25mm to 40mm thick polished Thandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	Sqm
19	Supplying and fixing pressed steel door frames size 125 x 65 mm manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm thick with lock rail of 160 mm width, top and side of 100 mm width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, war page and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	Sqm
20	KSRB 7.7: Providing and fixing in position in cement concrete 1:3:6 steel galzed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28Jg/m duly providing T section 19x19x3mm weighing 0.839Kg/m for glazing of windows not more than 34cms. c to c including providing and fixing 4mm thick reeded glass to I.S 7452:1990. 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be lononned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications	Sqm
21	KSRB: 4.5.7 Providing and removing centering suttering, strutting propping etc. and removal form work for flat surface such as suspended roofs, roofs landings balconies and like ckeness upto 200mm including cost of all natenals labour complete as per specifications. Specification	Sqm
22	KSRB: 15-14.1: Providing and applying two coats with oil nound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly broonnd tge surface free from mottar drops and other surface even and sand paper smooth cost of materials labours complete as per specifications	Sqm
23	KSRB: 15-16.1: Providing and finishing extornal walls in two coats with water proof cement paing of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material free from mortar dops and other foreign matter cost of materials lanpurs complete as per Sepecifications	Sqm
24	KSRB 14.14-5: providing Ceramic tiles of size 15 x 15Cms approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with while cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.	Sqm
25	KSRB 14.17.2: Providing skirting, dado, risos of steps with Colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with while cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size of materials, labour, complete as per specifications. Specification	Sqm
26	0185 Providing and fixing rain down water pipe of 90mm outer dia of 2.5 kg/Sqcm pressure pipes of HDPE rain water pipes	Mtr
27	KSRB 11-2 : Providing and fixing white vitreous china clay, water closets Orissa pattern of size 580 x 440mm with integral type footresis, 100m S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings C.I. / M.S. brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification	Pan
28	KSRB 13-10.2: Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00KGf/sq.cm. working pressure 20mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification	Mtr
29	KSRB 13-8.2.2 : Providing and fixing in position brass stop cock of approved Quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications Specifications	Each
30	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI specifications	L

Previous Measurment		Present Measurement			Total up-to date		Remark
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-	485.04	139.88	67847.40	485.04	67847.40	
-	-	104.20	756.20	78796.04	104.20	78795.04	
-	-	5.62	756.20	4249.84	5.62	4249.84	
-	-	30.24	3285.00	99368.64	30.24	99368.64	
-	-	18.36	2832.32	52001.40	18.36	52001.40	
-	-	192.23	233.20	44828.04	192.23	44828.04	
-	-	559.15	51.94	29042.25	559.15	29042.25	
-	-	485.04	63.60	30848.54	485.04	30848.54	
-	-	18.00	676.92	12184.56	18.00	12184.56	
-	-	33.75	846.09	28555.54	33.75	28555.54	
-	-	36	93.28	3358.08	36.00	3358.08	
-	-	6	3386.70	20320.20	6.00	20320.20	
-	-	90	71.97	6477.30	90.00	6477.30	
-	-	24	135.68	3256.32	24.00	3256.32	
-	-	3000	5.09	15270.00	3000.00	15270.00	

Sl no	Description of work	Unit
31	Groove Cutting : Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary	
	10"X7"X3" (300X228X75mm)	Mtr
	8"X6"X3" (300X228X76mm)	Mtr
32	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete	
33	Supplying and fixing PVC/metal conduit accessories special type Junction Box	
	32 mm Junction Box	Each
	Deep 32 mm Junction Box	Each
	Fan Box 16 /SWG	Each
34	Point Wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using Copper PVC insulated multi strand 2x1.5 Sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be terminated with sufficient loose length in a wood PVC round block complete for each outlet	
	Point Wiring using Class A Materials	
	a) Short point upto 3Mtr from tapping point to out let via switch	Each
	b) Medium point above 3mtr upto 6mtr from tapping point to out let via switch	Each
	C) Long point above 6mtrs upto 10mtrs from tapping point to outlet via switch	Each
35	Supplying and fixing superior quality modula switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box	
	1 to 3 Modular	Each
	8 Modular	Each
35	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate	
	6Amps one way	Each
	6Amps 3way Socket	Each
	Stepped Fan Regulator	Each
37	Supplying and fixing 32Amps securily and energy savings DP switch with key tag suitable to operate on 230 Volts 50Hz AC supply & completely wired on existing box	
	Group A	Each
38	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps	No
39	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required 5-32 Amps SP	Each
40	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws	Each
41	Supplying and fixing of porcelain fuse channel with cut out on existing wooden /panel using necessary nuts, bolts and washers etc complete KPWD	Each
42	Supplying, fixing, wiring, earth electrode for grounding conduits, TC cutouts and other equipment on the meter board using 40mm dia 2.90 thick GI pipe 2.5 metres buried in a pit. The pit should be filled with equal proprotion of salt and charcoal 150mm almund the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS classification 7.2.3 of Is 732 using 12mm dia nuts, washers and accounts etc the pipe shall have 16 through holes of 122 mm dia	No
43	INSULATED CABLE ON MESSENGER WIRE Using 2 single core wires for a single phase and 4 single core wires for 3 phase supplying and stringing PVC insulated and PVC sheathed 650/1100V class aluminium conductor of size supported by 3.15mm (10 SWG) GI messenger wire with swi hooks insulators one at each end of the span wt suspencers at intervals of 3.75m. Each suspencer shall be of porcelain rod insulator of suitable size through which insulated wire passes (single core or twin core as the case may be) and this rest insulator shall be fixed to the messenger wire using 2mm (No 14SWG) GI wire suitably bent and twisted. Separate reel insulator shall be provided for each wire the messenger wire shall be tied-ended on the clamp provided to the departmental pole wide	Mtr
44	KSRB 11-18-1.1: Providing and fixing sand cast iron soil waste bends 10mm dia with access door insertion of rubber washers 3mm thick bolts and nut, with spun yarn soacked in cernel slurry and cement mortar 1:2 including cost of materials labour testing complete as per specifications	Sqm
45	Providing and fixing HDPE Rainwater	Mtr
	Bescom charges	
		TOTAL

Certificates:

1. The above work is done satisfactorily and complete in all respect.
2. There is no department issue for the above work.
3. This works comes under BBMP Limit.

Original/Duplicate/Triplicate

Previous Measurment		Present Measurement			Total up-to date		Remark
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-	60	68.00	4080.00	60.00	4080.00	
-	-	12	68.00	816.00	12.00	816.00	
-	-	12	52.00	624.00	12.00	624.00	
-	-			0.00	0.00	0.00	
-	-			0.00	0.00	0.00	
-	-	24	29.00	696.00	24.00	696.00	
-	-	18	33.00	594.00	18.00	594.00	
-	-	6	57.00	342.00	6.00	342.00	
-	-			0.00	0.00	0.00	
-	-			0.00	0.00	0.00	
-	-	12	175.00	2100.00	12.00	2100.00	
-	-	12	260.00	3120.00	12.00	3120.00	
-	-	6	368.00	2208.00	6.00	2208.00	
-	-			0.00	0.00	0.00	
-	-	12	82.00	984.00	12.00	984.00	
-	-	6	175.00	1050.00	6.00	1050.00	
-	-			0.00	0.00	0.00	
-	-	24	96.00	2304.00	24.00	2304.00	
-	-	18	165.00	2970.00	18.00	2970.00	
-	-	6	520.00	3120.00	6.00	3120.00	
-	-			0.00	0.00	0.00	
-	-	6	630.00	3780.00	6.00	3780.00	
-	-	12	60.00	720.00	12.00	720.00	
-	-	6	560.00	3360.00	6.00	3360.00	
-	-	6	285.00	1710.00	6.00	1710.00	
-	-	6	100.00	600.00	6.00	600.00	
-	-	6	1950.00	11700.00	6.00	11700.00	
-	-	48	45.00	2160.00	48.00	2160.00	
-	-	6	447.32	2683.92	6.00	2683.92	
-	-	72.789	140.00	10752.00	76.80	10752.00	
				25000.00		25000.00	
				1795573.66		1795573.66	
		Add 5 % Service Charge		89778.7		89778.7	
		Grand Total		1885352.3		1885352.3	